

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
TPP 31359

SERIAL NO.
09/741,889

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Wataru HIRAHATA et al.

FILING DATE
December 22, 2000

GROUP
1754

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RM	5 7 6 3 5 4 7	6/9/98	KOLTHAMMER et al.			

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TC 1700

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
0 0 2 0 4 6 6	4/13/00	WIPO			
0 0 6 2 9 2 8	10/26/00	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<i>mt</i>	4 4 1 5 7 1 2	11/83	Shipley et al			
<i>f</i>	5 3 3 0 9 4 7	07/94	Shamshoum et al			
<i>f</i>	4 0 4 9 8 9 6	09/77	Rekers et al			
<i>mt</i>	4 6 9 9 9 6 2	10/87	Hsieh et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>mt</i>	0 5 9 1 7 5 6 A	09/93	EP				
<i>f</i>	9 6 2 3 0 0 5	08/96	WO				
<i>f</i>	0 5 7 2 0 3 4 A	05/93	EP				
<i>f</i>	0 5 1 3 3 8 0 A	11/91	EP				
<i>f</i>	9 0 5 0 9 7	09/62	GB				
<i>f</i>	8 5 1 1 1 9	10/60	GB				
<i>mt</i>	2 0 4 8 2 8 4 A	04/80	UK				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Albert H. Paul

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
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RM	5 7 7 7 1 2 0	07/98	Jordan et al			03/14/97
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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	Polymer Preprints, Japan Vol. 47, No. 8 (1998) with English language translation
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